



#A

13403.0005NPUS00 (revised).ST25

SEQUENCE LISTING

<110> Wang, Caili  
Zhong, Pingyu  
Wang, Xinwei

<120> ADAPTER-DIRECTED DISPLAY SYSTEMS

<130> 13403.0005NPUS00

<140> US/10/033,399

<141> 2001-11-02

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<170> PatentIn version 3.1

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<213> Bacteriophage M13

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&lt;211&gt; 57

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&lt;400&gt; 3

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&lt;211&gt; 222

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic, comprising phage gene III leader sequence, GABAB receptor 2 domain and Myc domain

&lt;400&gt; 4

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&lt;210&gt; 5

&lt;211&gt; 74

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic, comprising phage gene III leader sequence, GABAB receptor 2 domain and Myc domain

&lt;400&gt; 5

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1 5 10 15

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Leu Gln Ser Glu Asn His Arg Leu Arg Met Lys Ile Thr Glu Leu Asp  
20 25 30

Lys Asp Leu Glu Glu Val Thr Met Gln Leu Gln Asp Val Gly Gly Cys  
35 40 45

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Gly Gly Thr Val Glu Ser Cys Leu Ala Lys  
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<211> 56

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic, comprising phage gene III leader sequence, GABAB recep  
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1 5 10 15

Lys Ile Thr Glu Leu Asp Lys Asp Leu Glu Glu Val Thr Met Gln Leu  
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Gln Asp Val Gly Gly Cys Ala Ala Ala Glu Gln Lys Leu Ile Ser Glu  
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<210> 7

<211> 3093

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic, comprising ampicillin gene sequence, ColE1 replication  
Page 3

13403.0005NPUS00 (revised).ST25  
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 omain, histidine tag

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&lt;210&gt; 8

&lt;211&gt; 192

&lt;212&gt; DNA

&lt;213&gt; Bacteriophage M13

&lt;400&gt; 8

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192

&lt;210&gt; 9

&lt;211&gt; 64

&lt;212&gt; PRT

&lt;213&gt; Bacteriophage M13

&lt;220&gt;

&lt;221&gt; MISC\_FEATURE

&lt;222&gt; (11)..(11)

&lt;223&gt; \* = stop

&lt;400&gt; 9

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 20 25 30

Gly Gly Gly Thr Val Glu Ser Cys Leu Ala Lys Pro His Thr Glu Asn  
 35 40 45

Ser Phe Thr Asn Val Trp Lys Asp Asp Lys Thr Leu Asp Arg Tyr Ala  
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&lt;210&gt; 10

&lt;211&gt; 2962

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Synthetic, comprising ampicillin gene sequence, ColE1 replication  
 origin, f1 replication origin, Plac promoter, influenza virus he  
 magglutinin tag

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&lt;211&gt; 903

&lt;212&gt; DNA

&lt;213&gt; Bacteriophage M13

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&lt;210&gt; 12

&lt;211&gt; 287

&lt;212&gt; PRT

&lt;213&gt; Bacteriophage M13

&lt;400&gt; 12

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Lys Asp Leu Glu Glu Val Thr Met Gln Leu Gln Asp Val Gly Gly Cys	35 40 45
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Ala Ala Ala Glu Gln Lys Leu Ile Ser Glu Glu Asp Leu Thr Arg Ala	50 55 60
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180 185 190

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195 200 205

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210 215 220

Arg Gly Val Phe Ala Phe Leu Leu Tyr Val Ala Thr Phe Met Tyr Val  
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**<210> 13**

**<211> 272**

**<212> DNA**

<213> Artificial Sequence

**<220>**

<223> Synthetic, comprising lac promoter, phage gene VIII leader sequence, influenza virus hemagglutinin tag, phage gene III sequence

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<210> 14

&lt;211&gt; 69

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic, comprising influenza virus hemagglutinin tag, Histidine tag, phage gene III sequence

&lt;220&gt;

&lt;221&gt; MISC\_FEATURE

&lt;222&gt; (46)..(69)

&lt;223&gt; \* = stop

&lt;400&gt; 14

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 20 25 30

Val Pro Asp Tyr Ala Gly Gly His His His His His His Xaa Arg Ser  
 35 40 45

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 50 55 60

Asn Lys Glu Ser \*  
 65

&lt;210&gt; 15

&lt;211&gt; 146

&lt;212&gt; DNA

&lt;213&gt; Homo Sapien

&lt;400&gt; 15

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gtaggaggtt gttaataggg cgcgcc 146

&lt;210&gt; 16

&lt;211&gt; 44

&lt;212&gt; PRT

&lt;213&gt; Homo Sapien

&lt;400&gt; 16

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 20 25 30

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 35 40

&lt;210&gt; 17

&lt;211&gt; 140

&lt;212&gt; DNA

&lt;213&gt; Homo Sapien

&lt;400&gt; 17

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gtcggagggtt gcgcggccgc 140

&lt;210&gt; 18

&lt;211&gt; 47

&lt;212&gt; PRT

&lt;213&gt; Homo Sapien

&lt;400&gt; 18

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 1 5 10 15

Asn His Arg Leu Arg Met Lys Ile Thr Glu Leu Asp Lys Asp Leu Glu  
 20 25 30

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<210> 19

<211> 32

<212> DNA

<213> Bacteriophage M13

<400> 19

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32

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<213> Bacteriophage M13

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32

<210> 21

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<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic Primer

<400> 21

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55

<210> 22

<211> 55

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic Primer

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55

&lt;210&gt; 23

&lt;211&gt; 3057

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Synthetic, comprising Ampicillin gene sequence, ColE1 replication origin, f1 replication origin, lac promoter, GABAB receptor 1 domain, influenza virus hemagglutinin tag

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&lt;211&gt; 3817

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Synthetic, comprising Cam gene sequence, ColE1 replication origin, f1 replication origin, lac promoter, GABAB receptor 2 domain, Lpp-OmpA gene sequence

&lt;400&gt; 24

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